

## ABSTRACT OF THE DISCLOSURE

The speed of execution of linked programs is improved to the extent possible within the limit of the capacity of memory storing linked programs. As initial settings, all class libraries are set for linking. By this means, all class libraries are linked. Then, a judgment is made as to whether there is overflow of memory storing linked programs. If there is overflow, the maximum value of the number of applications using currently linked class libraries is set in variable N. Then, settings are modified such that class libraries used by N or more applications are not linked, and linking is again performed. If memory overflow does not occur, processing ends.